

## BEACH SEINE/BEACH ANCHORED GILLNET HAUL LOG

This log contains detailed questions about the setting and hauling of gear, and the haul's catch. Complete a new log after each hauling of gear.

The Species Information section of this log should be used to record catches of groundfish species, debris and shells according to the sampling protocol being followed during that particular observation. For more information, refer to the Fishery Sampling Priority Section of the NEFSC Observer Program Biosampling Manual. If the gear is hauled onto the beach, then the observer will record complete catch data, *i.e.* both kept and discarded species information, and should indicate "Yes (1)" for HAUL OBSERVED? (F). If the gear is "fished-over" (the dory is used to check the gear while it is in the water), then the observer will record only species information on the kept catch and should indicate "No (0)" for HAUL OBSERVED? (F). The observer will conduct marine mammal haul watches during **every haul** for which the observer is present and should indicate "Yes (1)" for MARINE MAMMAL HAUL WATCH?(#2). However, if the gear is "fished-over", the observer should record "No (2)" for MARINE MAMMAL HAUL WATCH?(#2).

If any pelagic species (*i.e.* swordfish, billfish, large tuna species, sharks, *etc.*), sturgeons, rays or tagged fish are caught by the gear, an Individual Animal Log must be completed to provide information on each animal. This Beach Seine/Beach Anchored Gillnet Haul Log will serve as a cover sheet for any Individual Animal Log(s) corresponding to this haul that may follow. All marine mammals, sea turtles and sea birds caught by the gear must be recorded on a Marine Mammal, Sea Turtle, and Sea Bird Incidental Take Log. See Appendix R. Species List and Corresponding Logs for a list of species and the log(s) on which to record them.

If there are insufficient lines on one form for all species caught in this haul, continue listing species on an additional Beach Seine/Beach Anchored Gillnet Haul Log, making sure to complete all of the Header Information (A-C), GEAR CODE (D), GEAR NUMBER (1) and HAUL NUMBER (E).

If information is unavailable or unknown to any question except a "No/Yes" question, record a dash (-) in the field. If the answer to a "No/Yes" question is unknown, record a "9" on the line next to the code for

"No" to indicate that a field was not skipped, but the answer is unknown. If a field relates to a question to which you previously answered "No", leave the field blank.

Become familiar with the following definitions.

### DEFINITIONS

**Haul Begin:** Time that gear hauling (retrieving) begins, whether it is the warp line or the actual net

**Haul End:** Time that the last piece of the gear is pulled up onto the beach.

### INSTRUCTIONS

For instructions on completing fields A-W, refer to the Common Haul Log Data section of the NEFSC Observer Program Manual.

**1. GEAR NUMBER:** Record the gear number used for this haul as uniquely identified on the appropriate Beach Seine/Beach Anchored Gillnet Gear Characteristics Log.

**2. MARINE MAMMAL HAUL WATCH?:** Record whether a protected species haul watch is conducted during this haul by placing an "X" next to the appropriate code:

0 = No.

1 = Yes.

**NOTE:** These watches will be conducted for **every** haul unless gear is "fished over" and observer cannot see catch

**3. GEAR CONDITION:** Indicate the condition of the gear at haulback, even if this was the condition of the gear when set, by recording the most appropriate two digit code listed below, and in Appendix J. Gear Condition Codes:

000 = Unknown

210 = No gear damage, or very few small, scattered holes.

220 = Small number of torn meshes, not exceeding 25% of any one net, each net

may be torn slightly.

- 230 = Less than 50% of the nets have less than 50% of the meshes torn.  
 240 = 50% or more of the nets have less than 50% of the meshes torn.  
 250 = Less than 50% of the nets are obstructed by a large object.  
 260 = 50% or more of the nets are obstructed by a large object.  
 270 = Less than 50% of the nets have 50% or more of the meshes torn.  
 280 = 50% or more of the nets have 50% or more of the meshes torn.  
 290 = Nets in the string totally balled up.  
 990 = Other, specify in COMMENTS.

## HAUL INFORMATION

**4. BEGIN/END DATE:** Record the month, day, and year, based on local time, that this haul began and ended.

**5. BEGIN/END TIME:** Record the local time, using the 24 hour clock (0000-2359), that this haul began and ended, *i.e.* when hauling of the shoreward warp line commences (Haul Begin) and when the last portion of the net exit(s) the surf zone (Haul End).

**6. ESTIMATED SOAK DURATION:** Record, to the nearest tenth of an hour, the amount of time that the gear for this haul is in the water fishing. This is the amount of time from when the gear is secured to the beach after complete deployment (Set End), until the hauling of the shoreward warp line commences (Haul Begin). This time may be obtained from the operator if the setting of the gear is not witnessed.

**7. END WATER TEMPERATURE:** Record, to the nearest tenth of a degree Fahrenheit, the surface sea water temperature when this haul **ended**.

**NOTE:** If this temperatures is obtained in Celsius, use Appendix Q. Conversion Tables to convert it to Fahrenheit.

**NOTE:** Use a "ScoopMaster" thermometer to obtain this temperature.

**NOTE:** Especially if an incidental take occurs in this haul, a HAUL END WATER TEMPERATURE **must** be recorded.

## NUMBER OF NETS

**8. SET:** Record the **total** number of nets that are used for this set. This number should agree with the number recorded in NUMBER OF NETS on the corresponding Beach Seine/Beach Anchored Gillnet Gear Characteristics Log(s).

**NOTE:** If a beach seine is used, do not count the wash net or bunt.

**9. HAULED:** Record the **total** number of nets that are hauled back from this set. If a net is partially hauled, round this number to the nearest whole net.

Example: If 200 feet of a 300 feet net is hauled record one net hauled.

**NOTE:** Record a zero "0" if less than half of one net of a string is hauled and there is **no** catch. Record a one "1" if less than half of one net of a string is hauled and there is catch.

**10. LOST:** Record the **total** number of nets that are lost from this set. If this number differs from NUMBER OF NETS SET minus NUMBER OF NETS HAULED record the reason(s) in COMMENTS.

## NUMBER OF MARINE MAMMAL DETERRENT DEVICES

### ACTIVE:

An "active" marine mammal deterrent device is a device which emits sound which may be detected by a marine mammal.

**11. HAULED:** Record the number of active marine mammal deterrent devices (*i.e.* pingers) on the gear as it is hauled. This number should agree with the number recorded in NUMBER OF ACTIVE MARINE MAMMAL DETERRENT DEVICES USED on the corresponding Beach Seine/Beach Anchored Gillnet Gear Characteristics Log(s).

**NOTE:** If gear is partially hauled, record the number of marine mammal deterrent devices **only on** the portion of gear hauled.

**NOTE:** These numbers should reflect the number of these devices on the gear regardless of whether or not it is believed

these devices are actually working. Information of this nature should be recorded in the COMMENTS.

**12. LOST:** Record the number of active marine mammal deterrent devices (*i.e.* pingers) lost from this set. If this number differs from NUMBER OF ACTIVE MARINE MAMMAL DETERRENT DEVICES USED minus NUMBER OF ACTIVE MARINE MAMMAL DETERRENT DEVICES HAULED, then record the reason(s) in COMMENTS.

**NOTE:** Do not include devices not seen because gear was partially hauled.

**PASSIVE:**

A “passive” marine mammal deterrent device is a device which may provide reflection of marine mammal echolocation signals.

**13. HAULED:** Record the number of passive marine mammal deterrent devices on the gear as it is hauled. This number should agree with the number recorded in NUMBER OF PASSIVE MARINE MAMMAL DETERRENT DEVICES USED on the corresponding Beach Seine/Beach Anchored Gillnet Gear Characteristics Log(s).

**Example:** Net material that is designed to be more acoustically visible to marine mammals.

**NOTE:** If some or all of the nets in the gear are made from material that is designed to be more acoustically visible to marine mammals, record the **number of nets** within the gear made from this material.

**NOTE:** If gear is partially hauled, record the number of marine mammal deterrent devices **only on** the portion of gear hauled.

**14. LOST:** Record the number of passive marine mammal deterrent devices lost from this set. If this number differs from NUMBER OF PASSIVE MARINE MAMMAL DETERRENT DEVICES USED minus NUMBER OF PASSIVE MARINE MAMMAL DETERRENT DEVICES HAULED, then record the reason(s) in COMMENTS.

**NOTE:** Do not include devices not seen because gear was partially hauled.

**COMMENTS**

Record any additional information regarding this haul, *i.e.* unusual species caught, area of fishing activity, *etc.* If more room is needed, use the back of this log, making sure to write "See Back" on the front of the log. Reference each comment with it's corresponding field name.